

Abstract

The invention relates to a remote control flying machine, in particular a remote control ultralight
5 helicopter, with at least one rotor blade (104), the pitch (α) of which may be adjusted. According to the invention, the adjustment of the pitch (α) of the at least one rotor blade is achieved by means of a force, in particular a torsion force directly applied to the
10 rotation axis of the rotor blade. Said force is generated by a magnetic field, variable by the electrical control of at least one coil (196) which is not part of an electric motor.